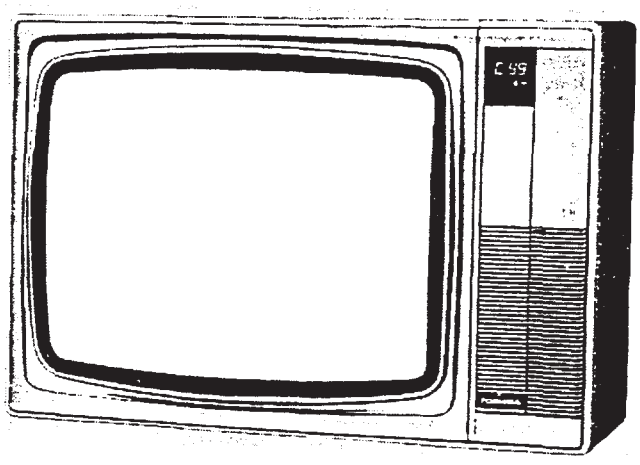
SERVICE DATA
FILE NO. 020-588

TOSHIBA

COLOUR TELEVISION

221F3W:261F3W



SPECIFICATIONS

INPUT POWER RATING:	103 watts (nominal), 220 volts AC, 50Hz		
AERIAL INPUT IMPEDANCES:	75 ohm unbalanced type VHF and UHF		
RECEIVING CHANNELS:	VHF channels ..... channels E2 to E4, E5 to E12, and C		
	UHF channels ..... channels E21 to E69		
INTERMEDIATE FREQUENCIES:	Picture I-F carrier frequency ..... 38.9 MHz		
	Sound I-F carrier frequency ..... 33.4 MHz		
	Color sub-carrier frequency ..... 34.47 MHz		
CHASSIS CONSTRUCTION:	IC-Solid State, Horizontal Chassis		
PICTURE TUBE:	22 in. A56-715X, 530 mm 26 in. A67-715X, 626 mm (measured on diagonal of viewable picture area) 110° Deflection		
SOUND OUTPUT:	3.5 watt (at 10% harmonic distortion)		
SPEAKER:	Oval, 105 × 156 mm, 15 ohms		
CABINET:	Table type		
DIMENSION:		22 in.	26 in.
	Height	475 mm	539 mm
	Width	688 mm	774 mm
	Depth	420 mm	459 mm
WEIGHT (NET):	22 in.: 25.5 kg, 26 in.: 33.4 kg		

UA01A RMT/SELECTOR BOARD PW3694-1

UA02B
LED PW3692-2

UP01
IR.AMP PW2920

U601 AV I.O. INTERFACE BOARD PW3693

UA01B AV SOCKET
BOARD PW3694-2

U902 MAIN BOARD PW3691

TO RMT / SELECTOR BOARD

SPEAKER

TO PINS ON RMT/SELECTOR BOARD

IC820 TD6306P PRESCALER PLL

IC801 TA7680AP PIF AFC

IC801 TA7265P SW. REGU CONTROL IC.

Z101 PSF F1034

Q101 BF199 PIF PREAMP

Q201 RC557A BUFFER

Q803 BC547A SYNC

Q804 2SD1430(TA-1) POWER OUT

Q805 2SC2552 STARTER

Q806 BC547B SWITCH

Q807 BC547A STARTER

Q809 BC547A STARTER

AERIAL SOCKET

TO PINS ON AV/10 BOARD.

FOR CONNECTION TO FRENCH SECAM ADAPTOR (SERVICE)

MAINS AC 220V

MAINS NON-ISOLATED

HEATER

AFC PULSE

CHROMINANCE SIGNAL

U902 MAIN BOARD PW3691

U602 HAEDPHONE/RECODING BOARD PW3060

U901 CRT DRIVE BOARD PW3598

U301 DPC PW3491A

SECAM CHROMA MODULE (SERVICE ATTACHMENT NOT BUILT IN)

W661 SPEAKER

P662 H.P.

P661 REC

M560

P560

M591

P591

IC820 TD6306P PRESCALER PLL

Q680 BC547A H.SYNC DET

Q682 BC557A H.SYNC DET

Q683 BC557A MUTE

Q681 BC547A H.SYNC DET

Q690 BC547A SOUND MUTE

D682 IN4148

D681 IN4148

IC601 TDA2611A SOUND OUT

Q201 BC557A BUFFER

D230 IN4148

IC901 TA7699P VIDEO CHROMA

Q202 BC327 VIDEO AMP

Q505 BF871 RED OUT

Q507 BF871 GREEN OUT

Q509 BF871 BLUE OUT

RED CUT OFF

GREEN CUT OFF

BLUE CUT OFF

GREEN DRIVE

BLUE DRIVE

V901 C.CRT A67-715X (FOR MODEL 26IF3W) A56-715X (FOR MODEL 22IF3W)

E.H.T.

SUB-BRIGHT

FROM PINS ON RMT/SELECTOR BOARD.

HEIGHT

VERT HOLD

HORIZ HOLD

IH AMP ADJ.

BURST PHASE ADJ.

IH DL. PHASE ADJ.

COLOUR SYNC ADJ.

IH DL. DL701

Q301 2SD716-O VERT OUT

Q307 2SB686-(-) VERT OUT

Q303 2SC3298A-Y VERT DRIVE

Q402 2SC2068(FA-1) HOR. DRIVE

Q404 2SD1432 HOR. OUT

T401 TLN1027

T801 TF8-4014AD

D306 BYV95C

D307 BYV95C

D406 BYV95C

D413 3JH61 (FA-1)

D415 BYV95C

D302 BYV95C

D414 BY228

D361 BYW95C

DEFLECTON COIL

VERT. COIL.

HOR. COIL.

DPC PARABOLA

DPC AMP

DPC OUT

DPC

WIDTH

+126V

+12V

+16.5V

+30V

+37V

+180V

HEATER

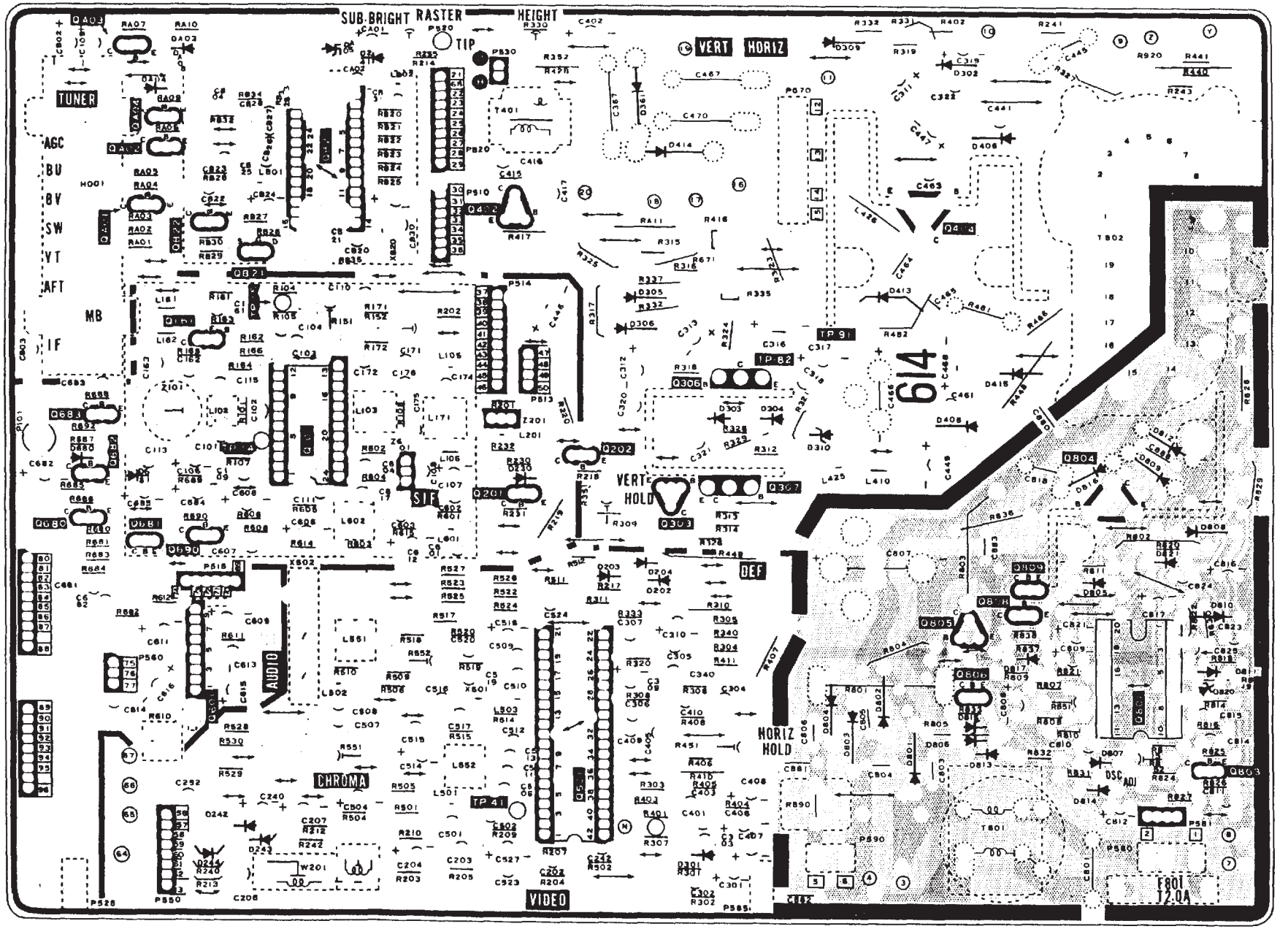
AFC PULSE

GROUND

SCREEN

FOCUS

U902 MAIN BOARD PW3691 (Foil Side)



UA01A RMT/SELECTOR BOARD PW3694-1 (Foil Side)